RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: _10/594,146_
Source: _/FWP_
Date Processed by STIC: _10/5/06_

ENTERED

IFWP

RAW SEQUENCE LISTING   DATE: 10/05/2006
PATENT APPLICATION: US/10/594,146   TIME: 09:46:09

Input Set : A:\L7350.0012 Sequence Listing.txt
Output Set: N:\CRF4\10052006\J594146.raw

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 3 <110> APPLICANT: NAKAJIMA, Toshihiro
 4        TSUTIMOCHI, Kaneyuki
 5        YAGISHITA, Naoko
 6      / YAMASAKI, Satoshi
 7        KATO, Yukihiro
 8        AMANO, Tetsuya
 9        TAMITSU, Kaori
11 <120> TITLE OF INVENTION: Decoy nucleic acid to syobiolin gene promoter
13 <130> FILE REFERENCE: L7350.0012
15 <140> CURRENT APPLICATION NUMBER: US/10/594,146
15 <141> CURRENT FILING DATE: 2006-09-26
15 <150> PRIOR APPLICATION NUMBER: PCT/JP2005/006527
16 <151> PRIOR FILING DATE: 2005-03-28
18 <150> PRIOR APPLICATION NUMBER: JP 2004-92570
19 <151> PRIOR FILING DATE: 2004-03-26
21 <160> NUMBER OF SEQ ID NOS: 14
23 <170> SOFTWARE: PatentIn version 3.2
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 3046
27 <212> TYPE: DNA
28 <213> ORGANISM: Mus musculus
30 <400> SEQUENCE: 1
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35 gagtgctggg attaaaggta ggcgccacca cgcccagctt tttttttttt agataggatc     180
37 tcactctata gctgtacgct ggcctcagat ttatgatgct cttcctgcct cagtctccca     240
39 attttctggg attgtaggag tgggccacta tgctctgctc actacatgat ttcagaggtt     300
41 gagtagacct gaactgaaga ccagacaagg gagccctccc tcgacatctt ggggccaggg     360
43 aagttgaagc cataggatca gaggaaatgt ggcaagaaaa aaggccaaca tggacacaga     420
45 acttaaataa aaacagacag aggaagtaag acagatatat acctggggga gaggagggat     480
47 tgccacaaaa tgtaggagat tttcaagaat ggggaggat gagtgtgtag ggttaaaggt     540
49 agccagtaga agttcatagc tagccttatg gaggaaggaa aggggagcca tctcgggatg     600
51 ttaactgtta aagacaacag gtggtggtga agatggctga gaccaagagc acagggctga     660
53 ggggcagaca ggcactgaca ctgctaccct ttaatacagt tcctcctgtt gtgatcccca     720
55 accataatta cttcgttgct acttcataac tgtaattttg ctagttatga attgtaagta     780
57 aacgtctgat atgcaggata tctcatttgt gacccctgtg taacggtttg attcccaaag     840
59 ggcttacgac tcacaggttg agagccagcc actgccttaa agtcgtctag aatcagtttt     900
61 ctttcttttt tgacagacaa gatgtttaat tccgttgtac tgaaggaaag ccattttatg     960
63 tattttctt aagtgctcta tcagtaatga caattctgaa agccctgtg ttatatttta    1020
65 acaacacagt cacctccggt tctgtattca ctgtccgtgt gtgactccc acagtataaa    1080
67 ttcctccagt tgatcttcat gaattcttat atttgatccc ccccccctt aggcctctga    1140
69 attccgagtg agtccgagtt aaaaatggga ggagcaccct ctagctgata aacctgggta    1200
71 atgaggtgtc cgctttcagt ttccattctg tacgcgacta tactgcttgt gtgagcccta    1260
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 75 cgactgagct tttggggtgt tgaaaagtca acgccttcgc acagaactct ccaccccaac   1380
 77 ctagaaataa ctggcgttct gttttatgtc agtccggaca cgcaagcact gctccttttg   1440
 79 cgggccccgt aagcatcccc ccaggcggga tagggatccc cggcctatgg actgcgcttt   1500
 81 ctcagctggc atccagctgc cttggcaccc agtccggggc cactctgcct acagacccta   1560
 83 gcaaccactc acctgctttt ctttccctat aggccagaaa ttttttcctt cttttctcat   1620
 85 tggtccgcgt aactttatcg caaccaatcg gcggtacacg ggaacaaact cactcctaca   1680
 87 caacctgcgt tgggggggagg taacctggga agacctatat ctgttttctg caccgctatt   1740
 89 ttttttccgag aagcacttaa cttcttaccg tgtcgtagct atccctggaa tgaggcgctt   1800
 91 acacatttta tttctttcat gcctgacata aagtctggcc cttgctcgct cctgcccccc   1860
 93 gtccaaatgg ctcggcccgc ggaacgccca tcttccaggc acattgagag ccggagtctt   1920
 95 ggagggagtt tagggtggtg attctacaac ggcgactagc aagtggcggg cttcagccct   1980
 97 ttcccgctgc tctcctggtc gcgaccacac gtcacagctc tcgctcgttc cggttgctcg   2040
 99 cgcagggggt ggggagtgtt gttaaccgga gcggctgccg cagtcgcggt gattgagcgt   2100
101 actccgccgc gccccgcgcc gccggaagtg aggtgtctta cccccgaagt tccggttcgc   2160
103 aggggggtggg gagtgttgtt aaccggagcg gctgccgcag tcgcggtgat tgagcgtgct   2220
105 cgcggcgctg ggctcctggt gagtgggcct ggtcctgatt ggggttgggg ggtcggcgtc   2280
107 taggaccttg tcctttgggg tcactgcgat cagcccgccc cgctgcgttc ggccgccagt   2340
109 tttcggcctg tcagatggct ggagacctta ggcagcggcg cggccaccgt tccagaggcc   2400
111 gggccccgcc tgcgaggttc gcaactccta gcgttcacag gtgcgcgact gtgaggcgac   2460
113 ctgactggtt ctcagccccg ccgccgcacc ctggcggtcg gccgtttctc cggttctcag   2520
115 agtggacact gctgggggcg gggggggggg cagggttcca gactgacgta ccccgatggg   2580
117 cgcgcgtctg cgctgaccac cctggcacag ctgtcactgg ttgtgtcgcc ttctcaagct   2640
119 gtgccctctg caccttgcct cctccacccc tggcgggccc agcgaacctg cctctaaagc   2700
121 ctatcatccc agctccttca gagggtcagc ggtggcagcc cccctcctcc taactttgcc   2760
123 tcagtgactc cctagaggag gcgccttggc agacagcgtg gaagagccct agatttgaaa   2820
125 cgagattgat ccaagttcta ggccttgcat cagtgtgagc ctctaacccc tttgagtcct   2880
127 agtttctcgt ttgtgaaaca gggagtatat gctgtttga atctaatggc tgtcaaggtg   2940
129 aaatgagtgt ttgcccttac actctgccag ggactgtgct aggtttacat agtgtggata   3000
131 tcacaaatgt cattttcctt gtgcaggtct ctgggccagg gcgatg                  3046
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135 <211> LENGTH: 3092
136 <212> TYPE: DNA
137 <213> ORGANISM: Homo sapiens
139 <400> SEQUENCE: 2
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142 tacccgatta tcctcgctga tactgcaacc agcttcaagt accccaccac atcctgatcc    120
144 cctttattct gttctacttt tttcctatag cactgatcat cttccagcgt attagatttt    180
146 tcacttatgt ctgtggtttg ctgtcacatc tactaggata agctccacaa aggtagagat    240
148 ctttattttg ttcactgaca tcctaagtcc ctagaacagg agacacttga tccatatttg    300
150 tagactaact gaataaatga cttaattacc agtttggatg tggggcaga tagtgagcat    360
152 gatgcccgtt tccggagctg gggtgcagac agtgtctagg gacactgaac tgttttaaaa    420
154 gcaggataga tcccggctgg agaccacaca aggaaatcat cagcacctgg gtcaggggct    480
156 ggactggagc agaggaaatc atgcaggaaa agtaaagaga aggacatcag gtaaagagaa    540
158 gaggacacat gcatagccag agagaaaaga ggagcagagg catgtggatc acagaagctt    600
160 agggaggaga ctttcaagaa ggggagagag gttgagtcaa gcaagggctg aaagccaacc    660
162 attggatgca gtcactagaa agttacagat aggcaaggtg ttgtggctca cgcctgtaat    720
164 cccaacacct tgtggggctg aggtgggagg atcgcttgag cccgggaggt cgaggctgca    780
166 atgagccctg atggcgccaa tgcactccag cctgggcgac agagcaagac cctgtcgcaa    840
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170 gggaagccaa ctctgactgg ttataagctg aaactgtcaa gtcaacaggt ggcagggaag    960
172 atggctgaga ccaacagcac agagatttag aggcagacag acctggcgcc aatcctagga   1020
174 caggtttggg taagcctttg aatttcaatt gccccacgtt cggggggagg gggtagcacc   1080
176 ccctagctca taaaccttag tgattgatga ttaaatgaga tgacggagga aaacgcaagg   1140
178 cacaaagtgg atgcattagc tccattttgt taatcagcag gcttagttgg ctgcgaccca   1200
180 gacacgaact aaaatacagt gcagcccagg accagtgggg gtcttgctta tggctcagag   1260
182 ctgaacaaca catgggcagc aaaatcagac actgagatgc gggcaggcct gcgacgctga   1320
184 agtcaattcc tttgaacaaa cagaacactt ccgtcccaag attagcagga attaatctcc   1380
186 cagtctcggg tacacctggt tgtccctccc tgtcctggcg cggcaaacgt tcccggaggc   1440
188 cagccaggga tcactcgccc aaggactgag ctttccctac tctcagccaa ctggagcggg   1500
190 accagggcct aggcaacgca gctgtccgcc cctaacaacc actcacctgc tttccccttt   1560
192 ctataggcca gcaaaggtac attctttttc ttattgggcc gcgtaactta tcgcaaccaa   1620
194 tcagtggcag ccacgggacc caactcactc ccacacaact tgtgggggtg atcatggaga   1680
196 agacaaattt ttgttttccg catccagttc tctcagagag caccgtattt gtcaaactgt   1740
198 tgtgactctc cctaaatgtt taagaaaaca tttcattccc ctcaggcttg tatagtctgt   1800
200 ccctggccta ctccccgctc caggtggtac agcccgcaag cggctcccct tcccagctgc   1860
202 tcgcggggcc gagtccccca gtccgaggag gccactcagc gcaggagcca taccatctgt   1920
204 gactaataaa taataggggg acctccgact ccccctgtt gccttattac cttcgacca   1980
206 cctctcggac ctcttgccca gcccttcccc gtagacatca ccccagatac ggtggtgaca   2040
208 ccattgctat gggcccacgt agggcgcagt gcgagccagg gcaggacgca cttggtacga   2100
210 cccacgccgc gccccgcgcc gccggaagtg aggtgtctga cccccgaagt tccggttcgc   2160
212 aggggggtggg gagtgttgtt aaccggaggg gcagccgcag tcgcgcggat tgagcgggct   2220
214 cgcggcgctg ggttcctggt gagtgggggcg aagtctggcc cgagttgtgg ttggggtcgg   2280
216 gacccgaacc ttccccttga ggtctccgga gtcggcacgc ccctcagccc cgccgcacgc   2340
218 tttcggcctg tcagctggcc ggagacctca gacgccggtg cggccgcttt gctcaagcct   2400
220 gggccctgcc tgcgacgccc gcaactcctg gtgctcacag gtgcgcggcc gcgagggcga   2460
222 cccggctcct cccgtcccgc tgctgctctc tcccgtcccg ctgttttttgt ggtgctctga   2520
224 gttgacacta ctccggggggt cgggggaccc caggattcca ggctgacgtt ccccgcccgc   2580
226 tcccgcaggg cgggcgtccg aactgcccac cctaacacag ctgtcaccgg cgctgtcgcc   2640
228 tgcccagcct gctatcctct gtgccttggc tgctctcagc cctggctgcg cattcccgcc   2700
230 cctggagcag atttctgctg ttgcctccca ccccatcttc tccaccggag ggtcagcggt   2760
232 gcagctcccc ctcctccaac attgcagctt ttcctcatca cctccctaga ggaggcggct   2820
234 tggcaggcag cgtggaaaga gccctagatt tgaagcaaga ctgacccagg ttccaggcct   2880
236 tgcgtcagtg tgatcactta accccttcga gtctaatttg taaaatgggg tagcgtaagc   2940
238 tattctttgt ctgatgattt cgagggcgaa atgtgatttc cccccacatt tctcctatga   3000
240 attgaggctg tgccaggcac cgggctattt tgcacagcac gagcatcaca taagttattt   3060
242 tcttgcccca tgcaggtctc cgggccaggg ca                                  3092
245 <210> SEQ ID NO: 3
246 <211> LENGTH: 19
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial
250 <220> FEATURE:
251 <223> OTHER INFORMATION: synthetic DNA
253 <400> SEQUENCE: 3
254 gcgccgccgt aagtgaggt                                                   19
257 <210> SEQ ID NO: 4
258 <211> LENGTH: 20
259 <212> TYPE: DNA
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263 <223> OTHER INFORMATION: synthetic DNA
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266 aagtgagttg tcttacccccc                                      20
269 <210> SEQ ID NO: 5
270 <211> LENGTH: 20
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial
274 <220> FEATURE:
275 <223> OTHER INFORMATION: synthetic DNA
277 <400> SEQUENCE: 5
278 actccgccaa gccccgcgcc                                       20
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282 <211> LENGTH: 20
283 <212> TYPE: DNA
284 <213> ORGANISM: Artificial
286 <220> FEATURE:
287 <223> OTHER INFORMATION: synthetic DNA
289 <400> SEQUENCE: 6
290 ccccgcgccg ccggaagtgt                                       20
293 <210> SEQ ID NO: 7
294 <211> LENGTH: 20
295 <212> TYPE: DNA
296 <213> ORGANISM: Artificial
298 <220> FEATURE:
299 <223> OTHER INFORMATION: synthetic DNA
301 <400> SEQUENCE: 7
302 ccccgcgccg ccgtaagtgt                                       20
305 <210> SEQ ID NO: 8
306 <211> LENGTH: 11
307 <212> TYPE: DNA
308 <213> ORGANISM: Homo sapiens
310 <400> SEQUENCE: 8
311 gccggaagtg a                                                11
314 <210> SEQ ID NO: 9
315 <211> LENGTH: 6
316 <212> TYPE: DNA
317 <213> ORGANISM: Homo sapiens
319 <400> SEQUENCE: 9
320 tgaggt                                                       6
323 <210> SEQ ID NO: 10
324 <211> LENGTH: 10
325 <212> TYPE: DNA
326 <213> ORGANISM: Homo sapiens
328 <400> SEQUENCE: 10
329 gccgcgcccc                                                  10
332 <210> SEQ ID NO: 11
333 <211> LENGTH: 20
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335 <213> ORGANISM: Artificial
337 <220> FEATURE:
338 <223> OTHER INFORMATION: synthetic DNA
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345 <211> LENGTH: 20
346 <212> TYPE: DNA
347 <213> ORGANISM: Artificial
349 <220> FEATURE:
350 <223> OTHER INFORMATION: synthetic DNA
352 <400> SEQUENCE: 12
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356 <210> SEQ ID NO: 13
357 <211> LENGTH: 20
358 <212> TYPE: DNA
359 <213> ORGANISM: Artificial
361 <220> FEATURE:
362 <223> OTHER INFORMATION: synthetic DNA
364 <400> SEQUENCE: 13
365 ttgccgtacc ctacttagcc                                    20
368 <210> SEQ ID NO: 14
369 <211> LENGTH: 20
370 <212> TYPE: DNA
371 <213> ORGANISM: Artificial
373 <220> FEATURE:
374 <223> OTHER INFORMATION: synthetic DNA
376 <400> SEQUENCE: 14
377 ggctaagtag ggtacggcaa                                    20
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/05/2006
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<u>Invalid <213> Response:</u>
**Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.**

Seq#:3,4,5,6,7,11,12,13,14

VERIFICATION SUMMARY   DATE: 10/05/2006
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L:15 M:270 C: Current Application Number differs, Replaced Current Application No
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date